

## AMENDMENTS TO THE CLAIMS

Please amend the claims as they currently stand so that they are in accord with the following listing of the claims:

1. (previously presented): A therapeutic method for treating a medical condition in a patient, said method comprising:
  - diagnosing a medical condition of a patient;
  - administering an electric nerve stimulation (ENS) therapy to a first body location of said patient; and
  - administering a magnetic stimulation (MS) therapy to a second body location of said patient to enhance effectiveness of said therapy,
  - wherein said administering of said magnetic stimulation therapy is independent of any unwanted neural activity induced by said electric nerve stimulation therapy,
  - and wherein said administering of said electric nerve stimulation therapy is independent of any unwanted neural activity induced by said magnetic stimulation therapy.
2. (original): The method of claim 1 wherein said electrical nerve stimulation (ENS) therapy comprises vagus nerve stimulation (VNS).
3. (original): The method of claim 1 wherein said electrical nerve stimulation (ENS) therapy comprises cranial nerve stimulation (CNS).
4. (original): The method of claim 1 wherein said MS therapy comprises transcranial magnetic stimulation (TMS).

5. (original): The method of claim 1 wherein said medical condition is a neuropsychiatric disorder.

6. (original): The method of claim 1 wherein said step of administering a MS therapy comprises:

applying a magnetic field to a pre-selected synaptic region of the brain of the patient;

monitoring a physiological response associated with said application of said magnetic field; and

selectively adapting at least one parameter of said magnetic field in response to said monitored physiological response.

7. (original): The method of claim 1 wherein said first body location comprises a first set of nerves in the brain and said second body location comprises a second set of nerves in the brain.
8. (original): The method of claim 1 wherein said electric nerve stimulation (ENS) therapy and said magnetic stimulation (MS) therapy are both administered to a same set of nerves of a brain.
9. (original): The method of claim 1 wherein said electric nerve stimulation (ENS) therapy changes a polarization of synaptic membranes in a nuclei or center of the brain of the patient.
10. (original): The method of claim 1 wherein said magnetic stimulation (MS) therapy changes a polarization of synaptic membranes in a nuclei or center of the brain of the patient.

11. (original): The method of claim 1 wherein said MS therapy is applied to tissue remote from the brain of the patient.
12. (original): The method of claim 1 wherein said magnetic stimulation (MS) therapy is administered to said patient after said electric nerve stimulation (ENS) therapy is administered to said patient.
13. (original): The method of claim 1 wherein said magnetic stimulation (MS) therapy is administered to said patient before said electric nerve stimulation (ENS) technique is administered to said patient.
14. (original): The method of claim 1 further comprising temporally alternating said administration of said electric nerve stimulation (ENS) therapy and said administration of said magnetic stimulation (MS) therapy a plurality of times.
15. (original): The method of claim 1 wherein said electric nerve stimulation (ENS) therapy and said magnetic stimulation (MS) therapy are administered simultaneously.
16. (original): The method of claim 1 wherein said magnetic stimulation (MS) therapy is administered to nuclear synaptic areas including cell bodies, dendrites, and pre-synaptic terminals where a membrane potential exists and an action potential does not exist.
17. (original): The method of claim 1 wherein said electric nerve stimulation (ENS) therapy is administered until a desired clinical outcome is achieved, followed by said administering of said magnetic stimulation (MS) therapy for enhanced effectiveness.
18. (original): The method of claim 1 wherein said magnetic stimulation (MS) therapy is administered until a desired clinical outcome is achieved, followed by said administering of said electric nerve stimulation (ENS) therapy for enhanced effectiveness.

19. (original): The method of claim 6 wherein said magnetic field comprises a pulsed magnetic field.
20. (original): The method of claim 6 wherein said magnetic field comprises an alternating magnetic field.
21. (original): The method of claim 6 wherein said magnetic field comprises a steady magnetic field.
22. (original): The method of claim 6 wherein said physiological response includes changes in electroencephalogram (EEG) activity of said brain.
23. (original): The method of claim 6 wherein said selectively adapting said at least one parameter of said magnetic field results in changing said physiological response such that said change in said physiological response indicates a reduction in said symptoms.
24. (original): The method of claim 6 wherein said at least one parameter of said magnetic field comprises a pulse width, a pulse repetition frequency, a magnetic intensity, and an orientation.
25. (original): The method of claim 6 wherein said step of applying a magnetic field comprises:

providing a magnetic generator to generate said magnetic field upon activation of said magnetic generator;

setting at least one parameter of said magnetic generator, based on said symptoms; and

stereotactically positioning a magnetic coil of said magnetic generator in relation to said brain such that said magnetic field becomes focused on a selected synaptic region

of said brain to polarize said selected synaptic region in a predetermined manner upon activation of said magnetic generator.

26. (original): The method of claim 6 wherein said step of monitoring said physiological response comprises contacting at least one electrode on the scalp of said patient to monitor electroencephalogram (EEG) changes of said brain.

27-78. (cancelled);